

REMARKS

The Section 101 Rejections

Claims 1, 11-14 and 16-22 were rejected under 35 U.S.C. §101. Applicants respectfully submit that the changes to claims 1, 11-14 and 16-22 render these rejections moot.

Accordingly, Applicants respectfully request withdrawal of these rejections and allowance of claims 1, 11-14 and 16-22.

The Section 102 Rejections

Claims 1, 3, 7, 9, 11-12, 14, 18, 20 and 22 were rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent Publication No. 2003/0143999 to Funato et al. ("Funato"). Applicants respectfully disagree and traverse these rejections for at least the following reasons.

Claims 1, 11, 12 and 22 include the feature of generating a sum of weighted values associated with two different costs: a paging cost, and an updating cost.

In contrast, Funato appears to disclose the use of a single cost. In Funato, a total paging cost is calculated as the sum of paging costs for two areas called *i* and *j* (page 11, paragraph 138). Two areas are not the same as two types of paging costs, however.

On page 11 of the Final Office Action the Examiner states that "area *j* is interpreted as being the paging area encompassing each edge". This is unsupported by the disclosure in Funato. To quote Funato, "Consider two paging areas, *i*, *j* which are adjacent to each other". There is no disclosure, or suggestion that the paging area *j* is an area encompassing each edge as stated by the Examiner.

Because Funato does not disclose the use of two different costs it cannot anticipate claims 1, 3-4, 7, 9, 11-12, 14, 18, 20 and 22. Accordingly, Applicants respectfully request withdrawal of the pending rejections and allowance of these claims.

The Section 103 Rejections

Claims 2, 5, 15 and 16 were rejected under 35 U.S.C. §103(a) as being unpatentable over Funato in further view of U.S. Patent No. 6,008,704 to Opsahl et al. ("Opsahl"). Applicants respectfully disagree and traverse these rejections for at least the following reasons.

Applicants note that these claims depend on one of independent claims 1, 11 or 12, and therefore, are patentable over a combination of Funato and Opsahl for the reasons set forth above and because Opsahl does not make up for the deficiencies of Funato described above.

In addition, Applicants acknowledge the Examiners admission that Funato does not disclose the use of "fractional values" as in claims 2 and 13, for example.

Accordingly, Applicants respectfully request that the Examiner withdraw the rejections of claims 2, 5, 13, and 16 and allow these claims.

In addition, claims 6, 10, 17 and 21 were rejected under 35 U.S.C. §103(a) as being unpatentable over Funato in further view of U.S. Patent No. 6,973,098 to Lundby et al. ("Lundby"). Applicants respectfully disagree and traverse these rejections for at least the following reasons.

Applicants note that each of the claims depends on one of independent claims 1, 11, or 12 and are, therefore, patentable over the combination of Funato and Lundby for at least the reasons set forth above with respect to claims 1, 11 and 12 and because Lundby does not make up for the deficiencies of Funato.

Finally, claims 8 and 19 were rejected under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,934,555 to Silva et al. ("Silva"). Applicants respectfully disagree and traverse these rejections for at least the following reasons.

Initially, Applicants note that claims 8 and 19 depend on either claims 1 and 12, and are, therefore, patentable over Funato and Silva for at least the reasons set forth above with respect to claims 1 and 12 and because Silva does not make up for the deficiencies of Funato.

Additionally, Applicants note the Examiner's admission that Funato does not disclose the subject matter of claims 8 and 19, namely where a variable may comprise a first value of 1 and a second value of 0.

Accordingly, Applicants respectively request withdrawal of the pending rejections and allowance of claims 8 and 19.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact John E. Curtin at the telephone number of the undersigned below.

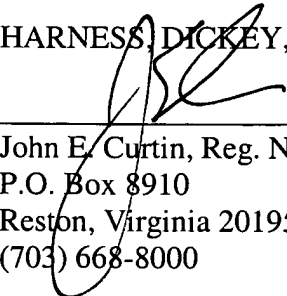
In the event this Response does not place the present application in condition for allowance, applicant requests the Examiner to contact the undersigned at (703) 668-8000 to schedule a personal interview.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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By



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